

Technology Maturation Plan

Briefing Template

General Instructions

- Each technology below the minimum TRL must be addressed in the Technology Maturation Plan
 - CTE TRL < 6 for MS B or
 - Critical Manufacturing Technology TRL < 8 for MS C
- Use the “Notes” section to provide details not fully explained on the briefing slide
 - Presentation package must stand on its own
- Include schedules where identified in these directions

TRA Title

Program Office

Program Name / System Title

Statement of the Problem

- For each technology below necessary TRL:
 - Technology A
 - Describe the technology and its maturity status
 - Say how this technology would be used in the system

Solution Options

- Technology A
 - Benefits of using the preferred technology
 - Fall-back options and the consequences of each option

Maturation Program Plan

(including Schedule)

- Technology A
 - Describe key activities for the preferred technology
 - Describe preparations for using an alternative technology
 - Show the latest time that an alternative technology can be chosen (include schedule)

Specific Actions To Be Taken

(what will be done and by whom)

- Technology A
 - What prototypes or EMDs will be built?
 - What tests will be run?
 - How does the test environment relate to the operational environment?
 - What threshold performance must be met?
 - What TRL will be achieved and when?

Status of Funding to Perform this Technology A Maturation

- Discuss status of funding for
technology maturation of technology
A

Technology B Information

- Address each of the previous issues for any other technologies
 - Technology B